

PC[®] 18 cold bituminous adhesive

1. Description and area of application

PC[®] 18 glue is a ready-for-use one-component adhesive bitumen cold glue.

PC[®] 18 glue is used for the sealing of cold water mains. In particular for smaller pipe diameters and low sealing thicknesses. It is applied to seal the longitudinal and side joints between the FOAMGLAS[®] semi-shells and as seal from the pipe. PC[®] 18 glue is a permanently plastic, age-resistant glue, which has a good adhesive properties on various materials.



2. Application

2.1 Preparation of the substrate

The substrate must be dry, clean and free from grease, rust, dust and oil. For cooling mains made from steel, a corrosion protection coating is recommended or required (see valid rules).

2.2 Preparation of the product

PC[®] 18 glue is ready for use. In the event of cool outdoor temperatures, the glue must be stored in heated rooms before processing. (Extrusion gun for 310 ml cartridges or 600 ml sausage required.)

2.3 Application procedure

PC[®] 18 glue is applied with an extrusion gun to longitudinal and circumferential joints of the FOAMGLAS[®] semi-shells. The glue strips are applied to one side of every joint and the semi-shells are pressed flush with another in a sliding manner under slight pressure.

2.4 Cleaning the tools

Clean the extrusion gun with turpentine oil.

2.5 Product Safety Notice

All material safety data sheets (MSDS) are available. They aim to ensure a safe handling of the product and correct disposal.

3. Type of delivery and storage

Sausage: 600 ml – refilling (net content)

Cartridges: 310 ml (net content)

- Store in a cool and dry place in well-sealed packages.
- Protect from heat and direct sunlight.
- Protect from frost.



PC[®] 18

cold bituminous adhesive

Page: 2

Date: 31.03.2015

Replaced: 01.10.2014

www.foamglas.com

4. Consumption

The glue strips of a diameter of approx. 10 mm corresponds to approx. 90 ml/m joint.

These quantities are for guidance only; they depend on the properties of the substrate, the thickness of the FOAMGLAS[®] slabs, the application and site conditions, etc.

5. Key data

Type	One-component bituminous glue
Basis	Bitumen-solvent mix with filling material
Consistency	pasty
Service temperature (air + subsurface)	- 30 °C to + 80 °C
Application temperature	+ 5 °C to + 40 °C (don't apply on frozen substrates)
Processing time	approx. 5 to 30 mins
Surface drying time	approx. 12 hours
Depth drying time	several days
Mass density	approx. 1.22 kg/dm ³
Colour	black
Water vapour diffusion resistance	μ = approx. 50,000
Water solubility	insoluble after complete drying
Solvent	butylacetate < 14 %
Reaction to fire (EN 13501-1)	-
VOC	< 170 g/l
Giscode	-

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by the type of laying, the layer thickness and the atmospheric conditions during and after application. In particular drying times are affected by temperature, air humidity, direct sunlight, wind, etc.

Additional information can be found in our technical data sheets (TDS). Our liability and responsibility are guided exclusively by our general terms and conditions and are not expanded by the statement of our technical documents nor by the advice of our technical field service.